



Ms. Jocelyn Boyd, Chief Clerk South Carolina Public Service Commission 101 Executive Center Dr. Columbia, SC 29210

RE: Hypercube Telecom, LLC South Carolina P.S.C. Access Tariff No. 2

Dear Ms. Boyd:

Enclosed for filing please find the original of the above referenced tariff filing submitted on behalf of Hypercube Telecom, LLC. This filing makes text changes to the VoIP-PSTN language to reflect changes to originating Toll VoIP-PSTN access charge language pursuant to the Second Order on Reconsideration in the same Docket (FCC No. 12-47 Released April 26, 2012). The Company respectfully requests an effective date for this filing of July 13, 2012.

The following tariff pages are included with this filing:

| 3 rd Revised Page 2 | Updates the Check Sheet |
|-----------------------------------|----------------------------|
| 1st Revised Page 29.1 | Revises VoIP-PSTN language |
| 1 st Revised Page 29.3 | Revises VoIP-PSTN language |
| 1 st Revised Page 29.4 | Revises VoIP-PSTN language |

Please acknowledge receipt of this filing by date-stamping the extra copy of this cover letter and returning it to me in the self-addressed, stamped envelope provided for that purpose.

Any questions you may have regarding this filing should be directed to my attention at 407-740-3002 or via email to cwightman@tminc.com. Thank you for your assistance in this matter.

Sincerel

Connie Wightman
Consultant

cc: Karen Turner, Manager - Regulatory Compliance - Hypercube

Mr. C. Dukes Scott, Executive Director

file: Hypercube - South Carolina - Access

tms: SCa1204

Enclosures CW/lw

ACCESS SERVICES

CHECK SHEET

Sheets of this tariff are effective as of the date shown at the bottom of the respective sheet(s). Original and revised sheets as named below comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this sheet.

| PAGE | REVISION | PAGE | REVISION |
|------|------------------------|------|----------------------|
| 1 | 1 st Rev. | 29 | Original |
| 2 | 3 rd Rev. * | 29.1 | 1 st Rev. |
| 3 | Original | 29.2 | Original |
| 4 | Original | 29.3 | 1 st Rev. |
| 5 | Original | 29.4 | 1 st Rev. |
| 6 | 1 st Rev. | 29.5 | Original |
| 7 | 1 st Rev. | 30 | Original |
| 8 | 1 st Rev. | 31 | Original |
| 9 | 1 st Rev. | 32 | Original |
| 10 | Original | 33 | Original |
| 11 | 1 st Rev. | 34 | Original |
| 12 | 1 st Rev. | 35 | Original |
| 13 | Original | 36 | Original |
| 14 | Original | 37 | Original |
| 15 | Original | 38 | Original |
| 16 | 1 st Rev. | 39 | Original |
| 17 | 1 st Rev. | 40 | Original |
| 18 | Original | 41 | Original |
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| 20 | Original | 43 | Original |
| 21 | Original | 44 | Original |
| 22 | Original | 45 | Original |
| 23 | Original | 46 | Original |
| 24 | Original | 47 | Original |
| 25 | Original | 48 | Original |
| 26 | Original | 49 | Original |
| 27 | 1 st Rev. | 50 | 1 st Rev. |
| 28 | 1 st Rev. | 51 | 1 st Rev. |
| | | 52 | Original |
| | | 53 | Original |

^{*} Indicates pages included in this filing.

Issued: July 6, 2012

Tariff Manager Lancaster, Texas 75146 Effective: July 13, 2012

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ACCESS SERVICES

SECTION 2 - RULES AND REGULATIONS (CONT'D.)

2.3 Obligations of the Customer (Cont'd.)

2.3.5 Identification and Rating of Toll VoIP-PSTN Traffic, (Cont'd.)

A. Scope

VoIP-PSTN Traffic is the traffic exchanged in Time Division Multiplexing ("TDM") format that originates and/or terminates in Internet Protocol ("IP") format. This section governs the identification and billing of VoIP-PSTN Traffic pursuant to the FCC's Intercarrier Compensation Report and Order in WC Docket Nos. 10-90, et. al., FCC No. 11-161 (Nov. 18, 2011) and Second Order on Reconsideration, FCC No. 12-47 (April 25, 2012) (together, "FCC ICC Orders"). Pursuant to the FCC ICC Orders, the Company shall apply interstate access charges to relevant VoIP-PSTN Traffic. Specifically, this section establishes the method of separating such traffic (referred to in this tariff as "Relevant VoIP-PSTN Traffic") from the Customer's traditional intrastate access traffic, so that such Relevant VoIP-PSTN Traffic can be billed in accordance with the FCC ICC Orders in a symmetrical manner. In accordance with the FCC ICC Orders, intrastate VoIP-PSTN Traffic that originates on the Company's network and is bound for the Customer's end users is subject to the intrastate switched access rates set forth in this tariff until June 30, 2014, after which time it will be subject to interstate rates as indicated in Section 4 of this tariff. Intrastate Toll VoIP-PSTN traffic that is sent by the Customer for termination to the Company's end users or its VoIP partners is subject to interstate switched access rates as indicated in Section 4 of this tariff.

B. Methodology Options

Unless otherwise negotiated, the Customer may elect an approach from the following options to identify the Relevant VoIP-PSTN Traffic that is subject to the FCC ICC Orders:

- 1. <u>Option 1 Self-Reporting:</u> Self-Report Percent VoIP Usage pursuant to Section 2.3.5.E, following; or
- 2. Option 2 Call Signaling: Properly populate the Originating Line Indicator ("OLI") field of the call signaling stream to reflect that the call originated as a VoIP call, which shall be through the use of the digit-code 40 or other digit pair mutually agreed upon in writing by Customer and Company's Chief Technical Officer; or
- 3. Option 3 Trunk Group Segregation: Properly segregate the calls that originate as VoIP calls and exchange such calls through a trunk group established solely for the completion of VoIP-originated calls.

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SECTION 2 - RULES AND REGULATIONS (CONT'D.)

- 2.3 Obligations of the Customer (Cont'd.)
 - 2.3.5 Identification and Rating of Toll VoIP-PSTN Traffic, (Cont'd.)
 - D. Rating of Toll VoIP-PSTN Traffic

The relevant Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Company's applicable tariffed Toll VoIP-PSTN Traffic rates as specified in Section 4 of this tariff.

E. Calculation and Application of Percent-VoIP-Usage Factor

For the Customer that selects Option 1 – Self Reporting, the Company will determine the number of relevant VoIP PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under subsection D, above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU exchanged between a the Company and the Customer. By default, the effective PVU will be equal to the total number of incumbent LEC and non-incumbent LEC voIP subscriptions in the State divided by the sum of those reported VoIP subscriptions plus incumbent LEC and non-incumbent LEC switched access lines, based on the FCC's Local Competition Report, as released periodically. If the Customer proposes to use a different PVU, it must be derived and applied as follows:

- 1. The Customer will calculate and furnish to the Company a factor (the "PVU-A") representing the whole number percentage of the total terminating intrastate access MOU that the Customer exchanges with the Company in the State, that is sent to the Company and that originated in IP format. Beginning July 1, 2014, the Customer's PVU-A shall be based on access MOU the Customer exchanges with the Company in the State that is (a) sent to the Company that originated in IP format, (b) is received from the Company and terminated in IP format, or (c) indicated via the JIP parameter (RFC-5503). This PVU-A shall be based on information that is verifiable by the Company such as traffic studies, actual call detail, or other relevant and verifiable information.
- 2. The Company will, likewise calculate a factor (the "PVU-B") representing the whole number percentage of the Company's total terminating intrastate access MOU in the State that terminates in IP format. Beginning July 1, 2014, the PVU-B shall be based on intrastate access MOU in the State that originates or terminates in IP format. This PVU-B shall be based on information such as the number of the Company's retail VoIP subscriptions in the state (e.g., as reported on the FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.

(M) - Certain material previously located on this page is now found on Page 29.4

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ACCESS SERVICES

SECTION 2 - RULES AND REGULATIONS (CONT'D.)

- 2.3 Obligations of the Customer (Cont'd.)
 - 2.3.5 Identification and Rating of Toll VoIP-PSTN Traffic, (Cont'd.)
 - E. Calculation and Application of Percent-VoIP-Usage Factor, (Cont'd.)
 - 3. The Company will use the PVU-A and PVU-B factors to calculate an effective PVU factor that represents the whole number percentage of total terminating access MOU that is terminated in IP format by the Company and/or originated in IP format by the Customer. Beginning July 1, 2014, the PVU factor will represent the total access MOU exchanged between the Company and the Customer that is originated and/or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. The effective PVU factor will be calculated as the sum of: (A) the PVU-A factor and (B) the PVU-B factor times (1.0 minus the PVU-A factor).
 - 4. The Company will apply the effective PVU factor to the total applicable (T) intrastate access MOU exchanged with the Customer to determine the number of Relevant VoIP-PSTN Traffic MOUs.

Example 1:

The PVU-B is 10% and the PVU-A is 40%. The effective PVU factor is equal to $40\% + (10\% \times 60\%) = 46\%$. The Company will bill 46% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff.

Example 2:

The PVU-B is 10% and the PVU-A is 0%. The effective PVU factor is $0\% + (100\% \times 10\%) = 10\%$. The Company will bill 10% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff. (T)

Example 3:

The PVU-A is 100%. No matter what the PVU-B factor is, the effective PVU is 100%. The Company will bill 100% of the Customer's applicable intrastate access MOU in accordance with the Company's interstate switched access tariff.

In the above examples, the Company will apply the PVU to terminating access from July 13, 2012 through June 30, 2014 and to originating as well as terminating access beginning July 1, 2014.

5. The Customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic.

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